Mountain Weather Forecast

South Grampian and Southeast Highlands

Including South and East Cairngorms National Park, Aberdeenshire and Angus Hills, Ben Vrackie, Ben Lawers, Loch Tay and Ochils
Forecast valid from 00:00 on Wednesday 21 Dec 2022 until 23:59 on Thursday 22 Dec 2022

Forecast Issued on Tuesday 20 Dec 2022 at 15:59 by Met Office Aberdeen

Confidence: High for unsettled showery theme for Wednesday and later Thursday, but lower for the detail of worst of weather, also for the evolution to fairer weather from Friday with limited consensus between the main models.

Headline for Wednesday 21 Dec 2022: Showery. Severe summit gales at first. Freezing level lifting.

Mountain weather hazards on Wednesday 21 Dec 2022

Blizzards
No Likelihood

Gales
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Medium Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
Low Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Light snow	Light snow	Light snow	Light snow showers	Light snow showers (night)	Light snow showers (night)
Precipitation probability							
10%	20%	30%	40%	50%	40%	30%	30%

Forecast for Wednesday 21 Dec 2022

Weather: Showers of snow and rain through the day, focused and heavier at times in the west. Snow level 400-500m at first, gradually lifting with showers easing a little during the afternoon.

Chance of cloud-free hill tops above 800m: Initially 40% in west, 80% for east, becoming late afternoon 70% and 90% plus respectively

Low Cloud and visibility: Good becoming moderate or poor in rain, very poor in snow, virtually nil within cloud with bases beginning broken in west scattered in east above 500m, before improving into the afternoon

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Wednesday 21 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	47/58 SW	55/67 SW	56/70 SW	51/65 SW	43/54 SW	43/54 SW	40/51 SW	36/46 W	31/41 W
900	33/45 SW	38/51 SW	38/52 SW	36/49 SW	31/42 SW	30/41 SW	27/38 SW	25/35 W	21/31 W
600	23/41 SW	29/49 SW	27/48 SW	27/47 SW	23/40 SW	21/38 SW	18/34 SW	17/33 SW	15/29 W
300	16/34 SW	18/39 SW	14/33 SW	16/36 SW	15/32 SW	13/29 SW	11/26 W	10/24 W	10/23 W
Glen	14/31 SW	12/28 SW	15/31 SW	13/29 SW	13/28 SW	9/22 SW	12/26 SW	11/26 W	9/22 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	-4/-15	-4/-15	-3/-15	-3/-13	-2/-12	-1/-11	-1/-10	-1/-10	-1/-10
900	-2/-11	-2/-11	-1/-11	-1/-10	-0/-8	0/-7	0/-7	0/-7	0/-6
600	0/-6	0/-7	1/-7	1/-6	2/-4	2/-4	3/-3	2/-3	2/-3
300	2/-3	3/-3	3/-2	3/-2	4/-0	4/0	4/1	4/0	4/0
Glen	3/-2	3/-1	4/-1	4/-0	5/1	5/2	5/1	5/1	4/1
Freezing Level*	600m	600m	600m	700m	900m	1000m	1000m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View
Most difficult conditions at first in west at height. Storm force winds across most exposed ridges and summits at first.

Forecast for Thursday 22 Dec 2022
Weather: Further showers though these isolated and light through the morning, before building from the north through the late afternoon and evening. Snow level 800-900 m lowering 500m by evening.

Maximum wind: Variable 15mph or less

Chance of cloud-free hill tops above 800m: 90% plus for morning, becoming 60% from late afternoon

Low Cloud and visibility: Good becoming moderate or poor in rain, very poor in snow, virtually nil within cloud with bases infrequently lowering 500m at first, becoming occasionally so later in day

Temperature: **Glens:** Minus 1 Celsius increasing 6 Celsius for afternoon
At 800m: Minus 2 Celsius lowering Minus 4 Celsius
Freezing level: 1000m lowering 700m

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